SMALL WIRELESS FACILITY (SWF)
REPLACEMENT COBRA STREETLIGHT POLE WITH POLE BASE EQUIPMENT CABINET
(NON-COUNTY STANDARD)

NOTES:
1. THIS DETAIL IS NOT TO SCALE AND IS FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.
2. SWF VENDOR SHALL SUBMIT DETAIL DESIGN OF REPLACEMENT POLE(S) AND FOUNDATIONS(S) SEALED BY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA FOR COUNTY’S REVIEW. SWF VENDOR SHALL ALSO FIELD VERIFY AND INDICATE THE AVAILABILITY OF VERTICAL CLEARANCE OF FOUNDATION(S) ON THEIR DESIGN.
3. REPLACEMENT POLE(S) SHALL BE ROUND & BLACK FINISHED (SIMILAR TO ARL. CO. STD. TRAFFIC SIGNAL POLE), MAXIMUM 35' IN HEIGHT (INCLUDING SWF ATTACHMENTS) FROM FINISHED GRADE AND NOT TO EXCEED 12" DIAMETER.

LEGEND:
- 2-1' SPACE FOR ARLINGTON COUNTY GOVERNMENT USE
- SPACE FOR 4G USE
- 1" DEDICATED FOR ANTENNA INSERTION

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

DRAWING NO. SWF-01

01/11/2019 06/10/2019
07/01/2019 10/14/2019
03/06/2019

REVISION & DATE
SMALL WIRELESS FACILITY (SWF)
REPLACEMENT CARLYLE STREETLIGHT POLE WITH POLE BASE EQUIPMENT CABINET
(NON-COUNTY STANDARD)

NOTES:
1. THIS DETAIL IS NOT TO SCALE AND IS FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.

2. SWF VENDOR SHALL SUBMIT DETAIL DESIGN OF REPLACEMENT POLE(S) AND FOUNDATION(S) SEALED BY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA FOR COUNTY’S REVIEW. SWF VENDOR SHALL ALSO FIELD VERIFY AND INDICATE THE AVAILABILITY OF VERTICAL CLEARANCE OF FOUNDATION(S) ON THEIR DESIGN.

3. REPLACEMENT POLE(S) SHALL BE ROUND & BLACK FINISHED, MAXIMUM 26" IN HEIGHT (INCLUDING SWF ATTACHMENTS) FROM FINISHED GRADE AND NOT TO EXCEED 12" DIAMETER.

CARLYLE LUMINAIRE AS PER ARLINGTON COUNTY LIGHTING STANDARDS (ACLS)
DRAWING NO. 14110-01 & 14110-02

LUMINAIRE ARM AS PER ACLS
DRAWING NO. 14090-02

KNOCKOUT PLUGS FOR 12’ POLE MOUNTED DOUBLE CARLYLE

REPLACE STREETLIGHT POLE

PEDESTAL BASE AS PER ACLS
DRAWING NO. 14080-07

REPLACE STREETLIGHT FOUNDATION DETAIL VARIES PER MANUFACTURERS’ RECOMMENDATIONS

DE POWER METER

RADIO FREQUENCY (RF) SAFETY LABEL

SWF INTEGRATED POLE BASE EQUIPMENT CABINET

PROPOSED JUNCTION BOX FOR FIBER TO BE INSTALLED BY VENDOR

PROPOSED CONDUIT FOR FIBER FEED TO BE INSTALLED BY VENDOR

LEGEND:

- 2-1’ SPACE FOR ARLINGTON COUNTY GOVERNMENT USE
- SPACE FOR 4G USE
- 1’ DEDICATED FOR ANTENNA INSERTION

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

DRAWING NO.
SWF-03
NOTES:

1. THIS DETAIL IS NOT TO SCALE AND IS FOR REFERENCE PURPOSES ONLY AND SHALL NOT BE USED FOR CONSTRUCTION.

2. SWF VENDOR SHALL SUBMIT DETAIL CONNECTION DESIGN OF SWF ATTACHMENT TO THE POLE SEALED BY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA FOR COUNTY’S REVIEW. SWF VENDOR SHALL ALSO FIELD VERIFY AND INDICATE THE AVAILABILITY OF VERTICAL CLEARANCE OF SWF ATTACHMENT ON THEIR DESIGN.

3. SWF ATTACHMENT TO THE POLE SHALL BE BLACK FINISHED AND SHALL NOT EXCEED 6’ VERTICALLY FROM THE TOP END OF THE POLE.

4. ALL SWF WIRING SHALL BE LOCATED INSIDE A CONDUIT.

5. RF LABELS SHALL BE PLACED ON POLES AS PER DRAWING NO. SWF-01 & SWF-03. SPECIFIC LABELS SHALL BE PLACED IN ACCORDANCE WITH FEDERAL COMMUNICATIONS COMMISSION (FCC) GUIDELINES AND THE INSTITUTE FOR ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE) STANDARD C95.2-1999.

RADIO FREQUENCY (RF) SAFETY LABELS

SMALL WIRELESS FACILITY (SWF)
STREETLIGHT POLE  SWF ATTACHMENT, RF SAFETY LABELS, AND POLE CROSS SECTION A-A (NON-COUNTY STANDARD)